

U.S. 29 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS
TO REMAIN

16,18
Burnt Mills AVE
D3-2
(DUAL-FACED)
VARIABLE X 16"

19,20
NO TURN
ON RED
R10-11b
24" x 24"

15,17
LEFT TURN
YIELD
ON GREEN
R10-12
36" x 42"

21
R4-7
24" x 30"

PROPOSED AUDIBLE
PUSHBUTTON AND SIGN

22
R4-7
24" x 30"

23
R10-4(1)
9" x 12"

24
R4-7
24" x 30"

EXISTING SIGNALS

1,2,4,5
3,6,7,8,9,10
12"

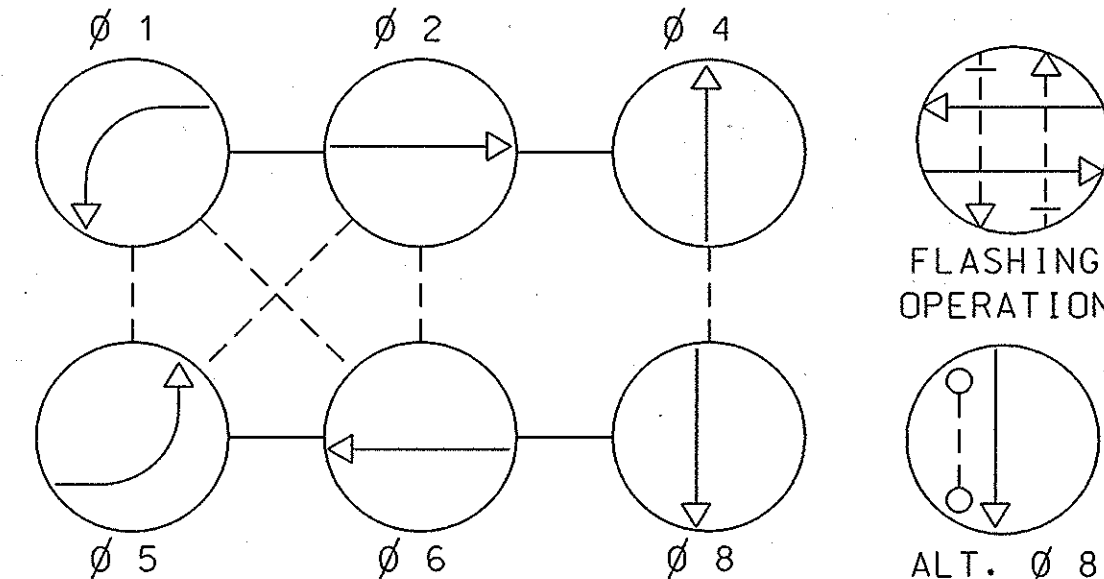
PROPOSED L.E.D.
COUNTDOWN SIGNALS

13,14
16"

EXISTING SIGNALS
TO BE REMOVED

11,12
12"

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

EXISTING UNDERGROUND I/C
NORTH TO PRELUDE DRIVE

RIGHT OF WAY LINE

U.S. 29 (COLUMBIA PIKE)

RIGHT OF WAY LINE

EXISTING UNDERGROUND I/C
SOUTH TO LOCKWOOD DRIVE

U.S. 29 (COLUMBIA PIKE)

CONSTRUCTION DETAILS

- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD (PEDESTAL MOUNTED); INSTALL APS PEDESTRIAN PUSHBUTTON AND SIGN (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.
- INSTALL 6 FT. X 30 FT. QUADRUPLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING) AND SPLICE TO EXISTING 2-CONDUCTOR ALUMINUM SHIELDED CABLE TO BE PLACED 1' BEHIND STOP LINE.
- USE EXISTING POLE MOUNTED CABINET AND INSTALL AUDIBLE/TACTILE PEDESTRIAN BASE UNIT INTO THE EXISTING CABINET.
- ADJUST AND RE-RING EXISTING SPAN WIRE.
- REMOVE EXISTING 2-CONDUCTOR PUSHBUTTON WIRING FROM EXISTING STRAIN POLE, SPAN WIRE AND CABINET.
- REMOVE EXISTING SIGN FROM SPAN WIRE.
- REMOVE THE EXISTING 4 FT. MEDIAN BACK TO EXISTING INLET (CLASS 2 EXCAVATION) AND INSTALL MONOLITHIC MEDIAN.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- INSTALL PROPOSED R4-7 SIGN ON ONE 4 IN. X 4 IN. WOOD SUPPORT AT 15 DEGREES WITH PVC SLEEVE.
- INSTALL 1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (FOR DETECTOR SLEEVE).
- REPLACE EXISTING SIDEWALK, INSTALL PEDESTRIAN RAMPS AND INSTALL CURB & GUTTER. (SEE CONTRACT DOCUMENTS FOR INSTALLATION DETAILS AND QUANTITIES)

GENERAL NOTES

- LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
- LOOP DETECTORS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF FINAL PAVEMENT SURFACE.
- ALL UNUSED ELECTRICAL CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REFER TO CONTRACT DOCUMENTS FOR PAVEMENT MARKING, DETECTIBLE WARNING SURFACE AND ADA RAMP INSTALLATION DETAILS QUANTITIES.
- ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE MONTGOMERY COUNTY SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. KEITH LORD TO COORDINATE AT 301-279-1291.

GEOMETRIC LEGEND

----- EXISTING
===== PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC

ADDENDUM NO.1
NEW SHEET

RUMMEL, KLEPPER
& KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE: 410/728-2900 FAX: 410/383-3270

APPROVALS

REVISIONS

① REPLACE LOOP DETECTORS INSTALL
COUNTDOWN PED. SIGNALS AND APS
2/2006 SHA NO. M03755171
DAE
C ADD PEDS ACROSS US 29
2-18-04 SHA NO. 1A72885185
JWA
B ADD E/P LEFT TURNS ON US 29
3/1990 SHA NO. 1
WM SR DD SFP TH

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 12/1984 CONTRACT NO.
DESIGNED BY COUNTY MONTGOMERY
DRAWN BY T MANK LOGMILE 15002904.09
CHECKED BY TIMS NO. H053
FAP NO. TOD NO.
TS NO. 413D DRAWING - OF SHEET NO. 9 OF 10

PLOTTED: \$DATETIMES
FILE: \$FILES